DEC STD 092-4 Finish and Color Standard - Approved Finish Specifications

DOCUMENT IDENTIFIER: A-DS-EL00092-04-0000 Rev M3, 25-Jan-1991

ABSTRACT: Provides a complete list of currently approved finish specifications and revisions for finishes approved for use on Digital products.

APPLICABILITY: Mandatory for all organizations within Digital Equipment Corporation that produce or procure materials requiring finishes or finished surfaces.

STATUS: APPROVED 25-Jan-1991; use VTX SMC for current status.

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	Rev F,	09-Dec-1982	ECO Number MLO02
	Rev H,	26-Jan-1984	ECO Number APO03
	Rev J,	12-Apr-1984	ECO Number APO04
	Rev K,	23-Apr-1985	ECO Number APO05
	Rev L,	19-Dec-1986	ECO Number LJO06
	Rev M,	20-May-1988	ECO Number CTS07
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Responsible Person:	Art Clockedile

APPROVAL: This document has been reviewed and recommended for approval by the General Review group for its category. Rev M3 incorporates clerical changes only.

Art Clockedile - Systems Materials Engineering

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Table 1: Approved Finish Specifications

Finish Number	Finish	Refer to Specification
	Paint	
092-A10X-XXX	Smooth Paint Finish	A-SP-EL00092-04-A10X
092-A11X-XXX	Smooth Paint Finish	A-SP-EL00092-04-A11X
092-A12X-XXX	Smooth Paint Finish	A-SP-EL00092-04-A12X
092-A13X-XXX	Texture Paint Finish	A-SP-EL00092-04-A13X
092-A14X-XXX	Texture Paint Finish	A-SP-EL00092-04-A14X
092-A15X-XXX	Texture Paint Finish	A-SP-EL00092-04-A15X
092-A16X-XXX	Hot Stamping - Plastic Substrates	A-SP-EL00092-04-A16X
092-A17X-XXX	Clear Hard Coat Finish	A-SP-EL00092-04-A17X
092-A18X-XXX	Screen/Pad Marking	A-SP-EL00092-04-A18X
092-A38X-XXX	Air Dry Paint (Texture) For Plastic Substrates	A-SP-EL00092-04-A38X
092-A39X-XXX	Air Dry Paint (Fine Texture) For Plastic Substrates	A-SP-EL00092-04-A39X
092-A40X-XXX	Surface Preparation Finish	A-SP-EL00092-04-A40X
092-A41X-XXX	Texture Paint Finish For Plastic Covers	A-SP-EL00092-04-A41X
092-A42X-XXX	Fine Texture Paint Finish For Plastic And Metal Substrates	A-SP-EL00092-04-A42X
092-A43X-XXX	Paint Finish (Smooth) On Plastic Substrates	A-SP-EL00092-04-A43X
092-A44X-XXX	Air Dry Paint (Smooth) For Plastic Substrates	A-SP-EL00092-04-A44X
092-A45X-XXX	Epoxy Powder Coating (Black)	A-SP-EL00092-04-A45X
092-A46X-XXX	Nylon Coating	A-SP-EL00092-04-A46X
092-A47X-XXX	Epoxy Powder Coating	A-SP-EL00092-04-A47X
092-A48X-XXX	Epoxy Powder Coating (Low Gloss Black)	A-SP-EL00092-04-A48X
092-A60X-XXX	Urethane Coating For Magnets	A-SP-EL00092-04-A60X
092-A65X-XXX	Black Conductive Nickel Paint	A-SP-EL00092-04-A65X
092-A66X-XXX	Copper Acrylic Conductive Paint	A-SP-EL00092-04-A66X
092-A70X-XXX	Black Conductive Paint for Metal Substrates	A-SP-EL00092-04-A70X

Table 1 (Cont.): Approved Finish Specifications

Finish Number	Finish	Refer to Specification
	Metal Plating	
092-B04X-XXX	Zinc Plate With Blue Bright Chromate	A-SP-EL00092-04-B04X
092-B05X-XXX	Zinc Plate With Yellow Chromate	A-SP-EL00092-04-B05X
092-B06X-XXX	Zinc Plate With Yellow Chromate	A-SP-EL00092-04-B06X
092-B07X-XXX	Zinc Plate With Yellow Chromate	A-SP-EL00092-04-B07X
092-B08X-XXX	Zinc Plate With Clear Chromate	A-SP-EL00092-04-B08X
092-B09X-XXX	Bright Cadmium Plate	A-SP-EL00092-04-B09X
092-B20X-XXX	Bright Tin Plate (Electroplate)	A-SP-EL00092-04-B20X
092-B21X-XXX	Bright Tin-Lead Plate (Electroplate)	A-SP-EL00092-04-B21X
092-B22X-XXX	Bright Acid Tin Plate	A-SP-EL00092-04-B22X
092-B30X-XXX	Nickel Electroless Plating on Metal Substrates	A-SP-EL00092-04-B30X
092-B35X-XXX	Copper Nickel Electroplating for Metal Substrates	A-SP-EL00092-04-B35X
092-B40X-XXX	Electroless Copper/Nickel Plating	A-SP-EL00092-04-B40X
092-B45X-XXX	Copper and Nickel Electroplating for Plastic Substrates	A-SP-EL00092-04-B45X
092-B50X-XXX	Brass Plating	A-SP-EL00092-04-B50X
092-B55X-XXX	Vacuum Deposition of Aluminum Coatings	A-SP-EL00092-04-B55X
	Conversion and Oxide Coatings	
092-C20X-XXX	Chromate Conversion Coating On Aluminum (Yellow)	A-SP-EL00092-04-C20X
092-C21X-XXX	Chromate - Clear	A-SP-EL00092-04-C21X
092-C22X-XXX	Chromate Conversion Coating On Aluminum	A-SP-EL00092-04-C22X
092-C25X-XXX	Surface Preparation For Painting	A-SP-EL00092-04-C25X
092-C28X-XXX	One-Coat Conversion Coating For Non-Ferrous Castings	A-SP-EL00092-04-C28X
092-C35X-XXX	Anodizing (Sulfuric) Acid	A-SP-EL00092-04-C35X
092-C36X-XXX	Anodizing (Chromic) Acid	A-SP-EL00092-04-C36X
092-C38X-XXX	Black Anodizing	A-SP-EL00092-04-C38X
092-C39X-XXX	Anodic Hard Coating	A-SP-EL00092-04-C39X
092-C50X-XXX	Black Oxide Coating for Iron	A-SP-EL00092-04-C50X
092-C60X-XXX	Passivate - for Stainless Steel	A-SP-EL00092-04-C60X

Table 1 (Cont.): Approved Finish Specifications

Finish Number	Finish	Refer to Specification
	Molded Plastics	
092-D01X-XXX	SPI/SPE* #1 Plastic Mold Finish	A-SP-EL00092-04-D01X
092-D02X-XXX	SPI/SPE* #2 Plastic Mold Finish	A-SP-EL00092-04-D02X
092-D03X-XXX	SPI/SPE* #3 Plastic Mold Finish	A-SP-EL00092-04-D03X
092-D04X-XXX	SPI/SPE* #4 Plastic Mold Finish	A-SP-EL00092-04-D04X
092-D05X-XXX	SPI/SPE* #5 Plastic Mold Finish	A-SP-EL00092-04-D05X
092-D06X-XXX	SPI/SPE* #6 Plastic Mold Finish	A-SP-EL00092-04-D06X
092-D20X-XXX	Molded in Plastic Texture/DEC 1013 Fine	A-SP-EL00092-04-D20X
092-D21X-XXX	Molded in Plastic Texture/DEC 1013 Medium	A-SP-EL00092-04-D21X
092-D22X-XXX	Molded in Plastic Texture/DEC 1146 Coarse Double Etch Pattern	A-SP-EL00092-04-D22X
092-D23X-XXX	Molded in Plastic Texture/DEC 1055 Fine	A-SP-EL00092-04-D23X
092-D24X-XXX	Molded in Plastic Texture/DEC 1055 Medium	A-SP-EL00092-04-D24X
092-D25X-XXX	Molded in Plastic Texture/DEC 2019 Paint Texture Pattern for new designs, refer to -D26X-	A-SP-EL00092-04-D25X
092-D26X-XXX	Molded in Plastic Texture/DEC 7015 Paint Texture Pattern	A-SP-EL00092-04-D26X

* Society of Plastic Engineers/Society of Plastic Industry Inc.

Table 2: Finish Cross-Reference List

Previous Numbering Format	Current Numbering Format	Description
92-00010-00A	092-A010-XXX	Refer to 092-A150-000
92-00010-00B	092-A010-XXX	Refer to 092-A150-000
92-00020-00	092-A020-XXX	Refer to 092-A100-000,092-A110-000, 092-A120-000
92-00030-00	092-A030-XXX	Refer to 092-A100-000, 092-A110-000, 092-A120-000
92-00040-00	092-A040-XXX	Refer to 092-A100-000, 092-A110-000, 092-A120-000
92-0010(0-00)	092-A102-XXX	External Decorative Panels and Parts Smooth Paint
92-0011(0-00)	092-A113-XXX	External Control Panels and Parts Smooth Paint
92-0012(0-00)	092-A125-XXX	Internal Parts and Assemblies Smooth Paint
92-0013(0-00)	092-A134-XXX	External Castings Textured Paint
92-0014(0-00)	092-A145-XXX	Internal Castings Textured Paint
92-0015(0-00)	092-A154-XXX	External Textured Paint Parts
92-0016(0-00)	092-A162-XXX	Hot Stamping applies to Logos, Nameplates, etc.
92-0017(0-00)	092-A172-XXX	Clear Hard Coat
92-0040(0-00)	092-A400-XXX	Surface Preparations for Painted Plastic Parts
92-0041(0-00)	092-A414-XXX	Texture Paint Finish for Plastic Covers
92-0045(0-00)	092-A454-XXX	Epoxy Powder Coating
92-0046(0-00)	092-A464-XXX	Black, Nylon Powder Coating
92-0060(0-00)	092-A604-XXX	Urethane Coating
92-0005(0-00)	092-B055-XXX	Zinc Plating with Yellow Chromate
92-0006(0-00)	092-B065-XXX	Zinc Plating with Yellow Chromate
92-0007(0-00)	092-B075-XXX	Zinc Plating with Yellow Chromate
92-0008(0-00)	092-B085-XXX	Bright Zinc Plating, Clear Chromate
92-0009(0-00)	092-B095-XXX	Bright Cad Plating, Clear Chromate
92-0030(0-00)	092-B304-XXX	Electroless Nickel Plating for Iron Base or Aluminum Base Metal Alloys
92-0020(0-00)	092-C205-XXX	Chromicoat - Alodine - Irradiate - Surface Preparation for Aluminum
92-0021(0-00)	092-C215-XXX	Chromicoat - Clear
92-0025(0-00)	092-C255-XXX	Surface Preparation for Painting
92-0028(0-00)	092-C285-XXX	One-Coat Conversion Coating for Non-Ferrous Castings
92-0035(0-00)	092-C354-XXX	Anodizing (Sulfuric Acid)
92-0036(0-00)	092-C364-XXX	Anodizing (Chromic Acid)
92-0038(0-00)	092-C384-XXX	Black Anodizing
92-0039(0-00)	092-C394-XXX	Anodic Hard Coating on Aluminum and Aluminum Alloys
92-0050(0-00)	092-C505-XXX	Black Oxide

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